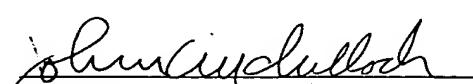


88 Rec'd PCT/PTO 13 MAY 1997

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV 10-73)		ATTORNEYS DOCKET NUMBER RSG 8379 US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known and correct) <b>087836309</b>
INTERNATIONAL APPLICATION NO. PCT/EP96/03330	INTERNATIONAL FILING DATE 29 JULY 1996	PRIORITY DATE CLAIMED 3 AUGUST 1995
TITLE OF INVENTION TEMPERATURE-MEASUREMENT INSTRUMENT WITH DIFFRACTIVE OPTICS		
APPLICANT(S) FOR DO/EO/US SCHMIDT, Volker		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li><input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11. to 16. below concern document(s) or information included:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> </ol>		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> Other items or information:  PCT/IPEA/409 5 pgs PCT/IB/304 1 pgs PCT/IB/308 1 pgs PCT/ISA/210 5 pgs PCT/RO/101 3 pgs</li> </ol>		
<b>CERTIFICATE OF MAILING BY EXPRESS MAIL</b> <b>EXPRESS MAIL Mailing label No. TB241638485US</b> <b>Date of Deposit MAY 13, 1997</b>		
I hereby certify that this paper or fee is being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231. <u>Carole L. Williams</u> Carole L. Williams		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/EP96/03330	ATTORNEYS DOCKET NUMBER RSG 8379 US																					
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) ):</b> \$910.00</p> <p>Search Report has been prepared by the EPO or JPO ..... \$880.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$680.00</p> <p>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$750.00</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1010.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$94.00</p>		CALCULATIONS PTO USE ONLY																					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 910.00																					
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		\$																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>14 - 20 =</td> <td>0</td> <td>X \$22.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>X \$78.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>YES</td> <td>+ \$250.00</td> </tr> <tr> <td colspan="2"></td> <td></td> <td style="text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td style="text-align: center;">\$1,170.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	14 - 20 =	0	X \$22.00	Independent claims	1 - 3 =	0	X \$78.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		YES	+ \$250.00				<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$1,170.00	\$
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Total claims	14 - 20 =	0	X \$22.00																				
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			<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$1,170.00																			
<p>Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p>		\$																					
<b>SUBTOTAL =</b>		\$1,170.00																					
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		\$																					
<b>TOTAL NATIONAL FEE =</b>		\$																					
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>		+																					
<b>TOTAL FEES ENCLOSED =</b>		\$1,170.00																					
		Amount to be: refunded																					
		charged																					
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,170.00</u> to cover the above fees is enclosed. Check No. 12928</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-0755</u>. A duplicate copy of this sheet is enclosed.</p>																							
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																							
<p>SEND ALL CORRESPONDENCE TO:</p> <p>LEARMAN &amp; McCULLOCH 5291 Colony Drive north Saginaw, MI 48603</p>																							
<p> SIGNATURE: _____ John K. McCulloch NAME: _____ 17,452 REGISTRATION NUMBER: _____</p>																							

IN THE UNITED STATES

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 DESIGNATED OFFICE  
 (DO/US)  
 ELECTED OFFICE (EO/US)

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APPLICANT(s) SCHMIDT, Volker		

Box PCT  
 Commissioner of Patents and Trademarks  
 Washington, D.C. 20231

**VERIFIED CERTIFICATION OF EXPRESS MAILING DATE  
 (INTERNATIONAL APPLICATION (37 CFR 1.10(c))**

I declare that on May 13, 1997 I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number TB241638485, addressed to the "Commissioner of Patents and Trademarks, Washington, D.C. 20231" and having an express mail certification which I executed, the following papers:

14 pgs PCT appln -WO97/06419

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Carole L. Williams

(Typed or printed name of person making this verified statement)

Carole L. Williams

(Signature of person making this verified statement)

Date May 13, 1997

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5 pgs PCT/ISA/210 w/English translation

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Carole L. Williams

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08/836369  
88 Rec'd PCT/PTO 13 MAY 1997

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6 pgs drawings Figs 1-5

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3 pgs PCT/RO/101

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1 pg PCT/IB/308

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

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